

Title (en)

DUAL BAND, GLASS MOUNT ANTENNA AND FLEXIBLE HOUSING THEREFOR

Title (de)

AUF GLAS MONTIERTE ZWEIBANDANTENNE UND FLEXIBLES GEHÄUSE DAFÜR

Title (fr)

ANTENNE POUR DEUX GAMMES SE POSANT SUR DU VERRE ET SON BOITIER FLEXIBLE

Publication

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Application

**EP 98944624 A 19980831**

Priority

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- US 92920097 A 19970908

Abstract (en)

[origin: WO9913526A1] The present invention is directed to a dual band, omni-directional antenna (11) having a symmetrical radiating structure (35) defined by a pair of conductive portions interconnected by a tuning bridge formed on a printed circuit board (32). An outer housing holds the circuit board in place. An adhesive layer (18) is used to secure the antenna to a dielectric, such as the rear window of an automobile. The antenna housing (22) includes an outer surface and a plurality of surface interruptions in the form of ridges (25) and valleys (26) that render the housing flexible so that it may conform to the shape of different mounting surfaces. The tuning bridge of the antenna permits tuning of the resonant frequency bands for the radiating structure (35) to define two separate and distinct, selectable frequency band.

IPC 1-7

**H01Q 1/24**; **H01Q 1/12**; **H01Q 5/00**; **H01Q 9/28**

IPC 8 full level

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